



1111 S 103<sup>rd</sup> St.  
Omaha, NE 68124

August 24, 2010

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AUG 28 2010

APCO

NDEQ Air Quality Division  
1200 'N' St. Atrium, Suite 400  
Lincoln, NE 68509-8922

**Re: Reciprocating Internal Combustion Engine (RICE) MACT Initial Notification**

To Whom It May Concern:

Northern Natural Gas (Northern) is submitting the initial notifications for two diesel fired electrical generator engines at Northern's Beatrice and Palmyra compressor stations. The units are existing diesel fired engines. Therefore, initial notifications are being submitted for the two units and the engines will be classified as "Emergency Use" by the compliance date of May 3, 2013.

If you should require additional information or if you have any questions, please call me at (402) 398-7716.

Sincerely,

Greg Ammon  
Manager - Environmental

Cc: EPA Region VII  
Mr. Steve Mitchell – NNG



NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY  
Air Quality Division

INITIAL NOTIFICATION FORM

**Applicable Rule:** 40 CFR Part 63, Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (RICE) - Promulgated 6/15/04, 1/18/08, & 3/3/10

Company Name Northern Natural Gas Facility ID# 37514

Owner/Operator/Title Royce A. Ramsay Vice President - Operations

Mailing Address 1111 S 103<sup>rd</sup> St

City Omaha Zip 68124

Plant Address (if different than owner/operator's mailing address):

Street 1170 North 10 Road

City Palmyra Zip 68418

Plant Phone Number 402-536-8204

Plant Contact/Title Steve Mitchell Division Environmental Specialist

This form must be completed, signed and submitted to the following agencies:

NDEQ Air Quality Division  
1200 'N' St. Atrium, Suite 400  
Lincoln, NE 68509-8922

and

Region VII EPA – Air & Waste Management  
901 N. 5<sup>th</sup> Street  
Kansas City, KS 66101-2907

If your facility is located in Omaha or Lancaster County, you must submit a notification to the appropriate air pollution control agency in that area and Region VII EPA.

Provide the following information for the applicable stationary engine(s). Add additional tables or rows as needed.

Unit #	Engine Startup Date	Site Rating Brake Horsepower	Displacement (liters/cylinder)	Fuel(s) Combusted	Compression Ignition	Spark Ignition	Emergency	Limited Use
AUX-1	1992	540		Diesel	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES
					<input type="checkbox"/> YES	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES	<input type="checkbox"/> YES
					<input type="checkbox"/> YES	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES	<input type="checkbox"/> YES

Unit #	Engine Startup Date	Site Rating Brake Horsepower	Displacement (liters/cylinder)	Fuel(s) Combusted	Compression Ignition	Spark Ignition	Emergency	Limited Use
					<input type="checkbox"/> YES	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES	<input type="checkbox"/> YES
					<input type="checkbox"/> YES	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES	<input type="checkbox"/> YES
					<input type="checkbox"/> YES	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES	<input type="checkbox"/> YES

**Source Classification - Check the box that applies:**

- ☒ Facility is a major source of hazardous air pollutants (HAPs).\*
- ☐ Facility is an area source of HAPs.\*

*\*Note: A major source is a facility that has a potential to emit greater than 10 tons per year of any single HAP or 25 tons per year of all HAPs combined. All other sources are area sources. The major/area source determination is based on all HAP emission points inside the facility fence line.*

Is the engine(s) a new/reconstructed emergency or limited use engine and > 500 horsepower located at a major source of HAP ? ☐ Yes ☒ No

*If YES, the engine(s) does not have any additional requirements under Subpart ZZZZ, but you must meet the requirements of 40 CFR Part 60 New Source Performance Standards Subpart IIII for Compression Ignition Engines or Subpart JJJJ for Spark Ignition Engines .*

**Source Type - Check the box that applies:**

- ☐ New Source\*
- ☒ Existing source\*

*\*Note: To determine if you are a new or existing source, see the attached information following this form.*

**Print or type the name and title of the Responsible Official for the facility:**

**Name:** Royce A. Ramsay

**Title:** Vice President - Operations

A Responsible Official can be:

- The president, vice president, secretary, or treasurer of the company that owns the plant;
- An owner of the plant;
- A plant engineer or supervisor of the plant;
- A government official, if the plant is owned by the Federal, State, City, or County government; or
- A ranking military officer, if the plant is located at a military base.

**I CERTIFY THAT INFORMATION CONTAINED IN THIS REPORT IS ACCURATE AND TRUE TO THE BEST OF MY KNOWLEDGE.**

Royce A Ramsay  
(Signature of Responsible Official)

08/23/10  
(Date)